

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Lei Shao )  
Application No: 10/789,387 ) Examiner: Nguyen, Leon Viet Q  
Filed: 02-26-2004 ) Art Unit: 2611  
)  
For: AN APPARATUS AND ASSOCIATED METHODS TO INTRODUCE DIVERSITY IN  
A MULTICARRIER CHANNEL)

HONORABLE COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, Virginia 22313-1450

AMENDMENT AND RESPONSE

Dear Sir:

This response is provided to the Office Action (hereafter, the Action) mailed December 30, 2008. In view of the following amendments and subsequent remarks, favorable reconsideration of the above captioned application is respectfully requested.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 4 of this paper.